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tended to supplement and not to encroach upon the Darwin memorial session of the American Association.

Section K—Physiology and Experimental Medicine—of the American Association will hold two sessions at Baltimore. At the first, on Tuesday afternoon, Dr. Ludwig Hektoen, of the University of Chicago, will give the vice-presidential address on "Opsonins and Other Anti-bodies." This will be followed by a symposium on the "Regulation of Physical Instruction in Schools and Colleges, from the Standpoint of Hygiene." Those who will take part are Dr. William H. Howell, Dr. R. Tait-Mackenzie, Dr. Thomas A. Storey, Dr. Frederic S. Lee and Dr. Theodore Hough. At the second session, which will be held on Wednesday afternoon, and is a joint meeting with the American Physiological Society, the Society of American Bacteriologists and the American Society of Biological Chemists, general papers will be presented by Dr. M. J. Rosenau, Dr. Lafayette B. Mendel and Dr. Albion W. Hewlitt.

*Dues of Members of the American Association for the Advancement of Science.*—The permanent secretary of the American Association for the Advancement of Science urges all members of the association to make an especial effort to pay their dues for the year 1909 before the first of January, and as far in advance of that date as is now possible. He calls the attention of members to the notice in SCIENCE, No. 728, December 11, 1908, page 834, to the effect that the publishers of SCIENCE will require members to pay the postage on back numbers at the rate of one cent per number provided they pay their dues after the beginning of the year. It is most important for the proper conduct of the business of the association that dues should be paid promptly.

#### SCIENTIFIC NOTES AND NEWS

THE Vienna Academy of Sciences has elected M. Henri Poincaré, the eminent mathematician, to honorary membership. Among the corresponding members elected is Dr. G. H. Darwin, Plumian professor of astronomy at Cambridge.

DR. SERGIUS NAWASCHIN, director of the Botanical Garden at Kiev, has been elected a corresponding member of the Munich Academy of Sciences.

M. HENNEGUY has been elected a member of the Paris Academy of Sciences in the Section of Anatomy and Zoology in the room of the late M. Giard.

THE gold medal awarded under the Shaw Trust for Industrial Hygiene has been presented to Professor Galloway by the Royal Society of Arts, "In recognition of his valuable researches into the action of coal dust in colliery explosions, the outcome of which researches has been the provision of means by which the risk of such accident is materially diminished, and a consequent great saving of human life effected."

STUDENTS of the senior class of the Medical Department of the University of Buffalo, have presented Dr. Roswell Park with a silver service in honor of his completion of a quarter of a century as professor of surgery in the institution.

PROFESSOR WILLIAM KENT, until recently dean and professor of mechanical engineering in the L. C. Smith College of Applied Sciences of Syracuse University, has accepted the position of general manager of the Sandusky Foundry and Machine Company, Sandusky, Ohio.

DR. H. MORIZE has been appointed director of the Rio de Janeiro Observatory in the room of the late Professor L. Cruls.

MR. WILBUR WRIGHT, on December 18, again broke, at Le Mans, the aeroplane records for both duration and height of flight. In the morning he remained in the air one hour, fifty-three minutes and fifty-nine seconds, and in the afternoon attained an altitude of 360 feet.

THE expedition to the Bismarck archipelago, which was organized a year ago by the Prussian ministry of education, has been unfortunate in losing its leader, Dr. Emil Stephan, who died in New Mecklenburg on May 25. The leadership of the expedition has been taken over by Dr. Krämer, whose former work in the western Pacific is well known.

It is stated in *The Condor* that Mr. Austin Paul Smith has returned from Mexico and is now working with the birds on the United States side of the lower Rio Grande in the vicinity of Brownsville, Texas.

DR. VERNON L. KELLOGG, professor of entomology at Stanford University, is spending the present year abroad. He will be in Paris until May, and may be addressed care of the American Express Company, 11 rue Scribe, Paris.

PROFESSOR C. V. TOWER, of the University of Vermont, has gone abroad for graduate study and travel.

PROFESSOR EDWARD B. TITCHENER, of Cornell University, will give at the University of Illinois, a series of lectures in psychology, probably during the latter part of March.

DR. ALBRECHT PENCK, professor of geography in the University of Berlin, and Kaiser Wilhelm professor in Columbia University for 1909, has lectured before the Geographical Society of Philadelphia, on "The Origin of the Alps."

It is planned to collect \$7,500 with which to purchase the valuable chemical library of the late Professor W. O. Atwater, and present it to Wesleyan University. The library contains more than 5,000 volumes, including about 2,500 volumes of periodicals.

MR. JOSEPH H. PAINTER, assistant in the division of botany, National Museum, Washington, D. C., was drowned in the rapids of the Potomac on December 6, 1908, near the headquarters of the Washington Biologists' Field Club, of which he was a member. The evidence tends to show that he was overturned in a canoe with a boy companion, Robert S. Wallis, and lost his life in the vain endeavor to rescue his friend, who was unable to swim. The Field Club has added to the efforts and incentives to recover the bodies and has adopted the following memorial: "*Resolved*, That the Washington Biologists' Field Club has suffered a profound loss in the death of Mr. Joseph H. Painter. That the club has the highest admiration and respect for the noble character and heroic sacrifice for a

younger companion, which appears to have led to Mr. Painter's untimely end. That the club extends its sincerest sympathy to the bereaved relatives."

M. CHARLES E. STUIVAERT, associate astronomer in the Royal Observatory of Belgium, died on November 18, at the age of fifty-seven years.

THE deaths are also announced of Dr. Hugo Hertzner, formerly professor of mathematics in the Berlin Institute of Technology, and of M. Charles Ballet, the French horticulturist.

THE fifth and sixth stories of the building in Washington in which the Geological Survey is housed were swept by fire on December 16, and serious loss by fire and water was suffered by collections, books, maps and field notes. This building is rented by the government; the need of a fireproof building for the Geological Survey has each year been pointed out by the director.

MR. J. C. CAMPBELL, president of the National Bank of Commerce, Columbus, Ohio, has provided a fund for lectures on scientific subjects to be delivered under the auspices of the Omega Chapter of the Society of Sigma Xi in Ohio State University.

THE Naples Table Association for promoting laboratory research by women announces that applications for the table at the Naples Zoological Station should be made by March 1, 1909. A prize of \$1,000 for the best thesis written by a woman, on a scientific subject, embodying new observations and new conclusions based on an independent laboratory research in biological, chemical or physical science will be awarded for the third time in April, 1909. Further information may be obtained from the secretary, Mrs. A. D. Mead, 283 Wayland Avenue, Providence, R. I.

#### THE RESIGNATION OF PRESIDENT ELIOT

IN accepting with reluctance and keen regret the resignation of President Charles W. Eliot, of Harvard University, the overseers of Harvard College make this record of admiration and esteem:

Called to the presidency in early manhood, he has administered the affairs of this university for